

## "APPROVED FOR RELEASE: Thursday, July 27, 2000

CIA-RDP86-00513R00051671

HUNGARY / General Biology. Physical and Chemical Biology. B

Abs Jour : Ref Zhur - Biologiya, No 4, 1959, No. 14278

Author : Gimesi, N. I.: Poszar, B. I.
Inst : Hungarian Academy of Sciences

Inst : Hungarian Academy of Sciences
Title : The Physiology of Protoplasmaic Movements

Orig Pub : Acta biol. Acad. sci. hung., 1955, 6, No 1-2,

113-132

Abstract : No abstract given

Card 1/1

APPROVED FOR RELEASE: Thursday, July 27, 2000

The siclogical effect of heat stimulus on the germination of the CIA-RDP86 400513R0005 sensitive seeds. In English. p. 135.

(Acta Biologica. Vol. 7, no. 2/3, 1957. Budapest.)

SC: Monthly List of East European Accessions (WEAL) LC, Vol. 6, no. 6, June 1957. Uncl.

HUNGARY / General Biology. Cytology. Plant Cytology.

: Ref Zhur - Biologiya, No 4, 1959, No. 14303 Abs Jour

: Gimesi, N. I.; Pozsar, B. I. Author

: Hungarian Academy of Sciences : The Natural Vacuolation of Chromoplasts Inst Title

: Acta biol. Acad. sci. hung., 1957, 7, No 2-3 Orig Pub

153-160

Abstract

CARRESTS SERVICE SE A COLOR COMP.

: The processes of starch vacuolation and mobilization and the fluorescence of stamens Tinantia fugax L in plastids were examined with the aid of fluorescent microscopes and polarization microscopes. Carotine lipids, lipochromes and sugar were histochemically determined. It was established that when tetrads form and the most extensive growth of the stamen filament occurs, leucoplasts

Card 1/2

HUNGARY / General Biology. Cytology. Plant Cytology.

: Ref Zhur - Biologiya, No 4, 1959, No. 14303 Abs Jour

APPROVED FOR RELEASE: Thursday, July 27, 2000 CIA-RDP86-00513R0005

accumulate carotine and are vacuolated in a very characteristic manner; at the same time a mobilization of starch is observed to take place. The authors maintain that the enumerated properties are not the results of necrotic changes, since the vacuolation of the latter is not determined by its shape and size and is not connected with the mobilization of starch. There also exist plasmolytic differences between these two vacuolation types.

Card 2/2

ERDEV, Laszlo, prof., dr. (Budapest XI, Gellert ter. 4); GIMESI, Otto (Budapest XI, Gellert ter. 4); RADY, Gyorgy (Budapest XI, Gellert ter. 4)

Determination of elementary sulfur in monaqueous medium. Acta chimica Hung 28 no.1/3:179-185 '61. (EEAI 10:9)

1. Institut fur Allgemeine Chemie der Technischen Universität, Budapest.

(Sulfur) (Benzene) (Acetone) (Cyanides)

RADY, Gyorgy (Budapest XI, Gellertter 4); GIMESI, Otto (Budapest XI, Gellertter 4);
ERDEY, Lasslo, prof., dr. (Budapest XI, Gellertter 4)

Determination of the total content of lead and lead oxide in lead chromate. Acta chimica Hung 28 no.1/3:237-242 '61.

(EEAI 10:9)

1. Institut fur Allgemeine Chemie der Technischen Universitat, Budapest.

(Lead) (Lead oxides) (Lead chromate)

INCZEDY, Janos (Budapest XI., Gellert ter 4); GIMESI, Otto (Budapest XI., Gellert ter 4)

Determination of diethyl malonate and its substituted derivatives in on-aqueous solutions. Acta chimica Hung 31 no.4:347-356 '62.

1. Institut für Allgemeine Chemie der Technischen Universitat, Budapest.

ERDEY, Laszlo, prof., dr. (Budapest, XI., Gellert ter 4); RADY, Gyorgy, dr. (Budapest, XI., Gellert ter 4); GIMESI, Otto (Budapest, XI., Gellert ter 4)

Analysis of lead-containing silver alloys. Acta chimica Hung 32 no.2:151-157 '62.

1. Institut fur Allgemeine Chemie der Technischen Universitat, Budapest. 2. Mitglied der Redaktion, "Acta Chimica Academiae Scientiarum Hungaricae" (for Erdey).

DUX, Erno, dr.; GIMESY, Ferenc, dr.; SZABADOS, Terez, dr.

Severe hemorrhagic diathesis after repeated exeanguination-transfusion. Orv.hetil.101 no.33:1170-1174 14 Ag '60.

1. Szegedi Orvostudomanyi Egyetem, Gyermekklinika (BLOOD GROUPS) (BLOOD TRANSFUSION compl) (HEMORRHAGIC DIATHESIS)

BAKACSI, Gyula, dr.; GIMESY, Ferenc, dr.

Treatment of nephrotic syndrome in childhood. Gyermekgyogyaszat 11 no.12:353-361 D 160.

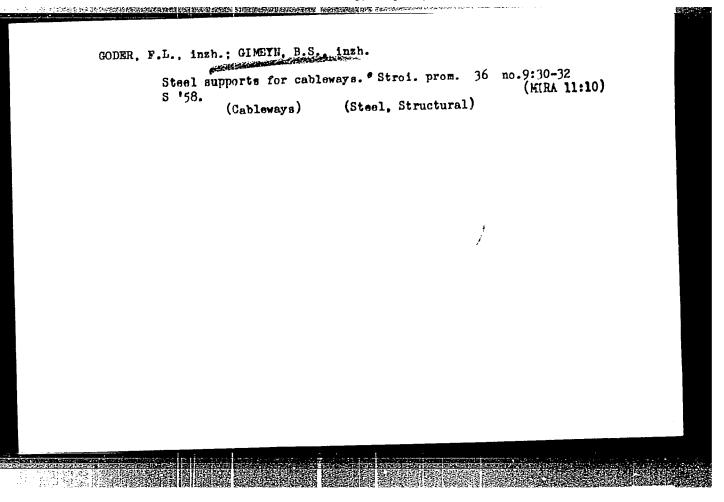
1. Szegedi Orvostudomanyi Egyetem Gyermekklinikajanak (Igazgato: Waltner Karoly dr. egyetemi tanar) koslemenye.
(MEPHROTIC SINDROME in inf & child)

DUX, Erne, dr.; KOVACS, Zoltan, dr.; GIMESY, Ferenc, dr.

Data on the problem of humoral regulation of thrombopoiesis (Studies in connection with thromboponia arising after exchange transfusion in newborn infants). Orv. hetil. 103 no.5:196-204 F \*62.

1. Szejedi Orvostudomanyi Egyetem, Gyermekklinika.

(BLOOD TRANSFUSION in inf. & child.) (ERYTHROBLASTOSIS FETAL therapy) (THROMBOPENIA in inf. & child.)



A STATE OF THE PROPERTY OF THE

CHERNOV, A.; ARKHANGEL'SKIY, Yu.; GIMEYN, S., inzh (Moskva); KHAYKIN, V.; DASKOVSKIY, V.; DMITRIYEV, K.; YUDIN, G.; SHASHNIN, Yu.

Technological information. Okhr. truda i sots. strakh. 6 no.5:36-42 My '63. (MIRA 16:8)

1. Laboratoriya tekhniki bezopasnosti Gosudarstvennogo vsesoyuznogo nauchno-issledovatel\*skogo tekhnologicheskogo instituta remonta i ekspluatatsii mashinno-traktornogo parka (for Gimeyn).

(Technological innovations)

NEDRIGAYLOV, V., inzh.; GIMEYN, S.; LISITSYN, V.; LEBEDEV, Yu.; POGONIN, A.; POTAPOV, P.

Technical information. Okhr. truda i sots. strakh. 6 no.7:41-46 Jl '63. (MIRA 16:10)

1. Starshiy inzh. laboratorii tekhniki bezopasnosti Gosudarstvennogo vsesoyuznogo nauchno-issledovatel'skogo tekhnologicheskogo instituta remonta i ekspluatatsii mashinno-traktornogo parka (for Gimeyn).

2. Tekhnicheskiy inspektor Yaroslayskogo soveta professional'nykh soyuzov (for Potapov).

GIMEYN, Semen Markovich, inch.; ZAGORSKIY, G., rod.; KUZNETSOVA, A., tekhn. red.

[You should know safety regulations] Znai tekhniku bezopasnosti! Moskva, Mosk. rabochii, 1961. 28 p.

(MIRA 15:1)

(Industrial safety)

GIMEYN, S.M., inzh.

Physical and mechanical properties of manure. Mekh.i elek.sots.seI-khoz. 20 no.4:49-50 '62. (MIRA 15:8)

1. Gosudarstvennyy vsesoyuznyy nauchno-issledovatel skiy tekhnologicheskiy institut remonta i ekspluatatsii mashinno-traktornogo parka.

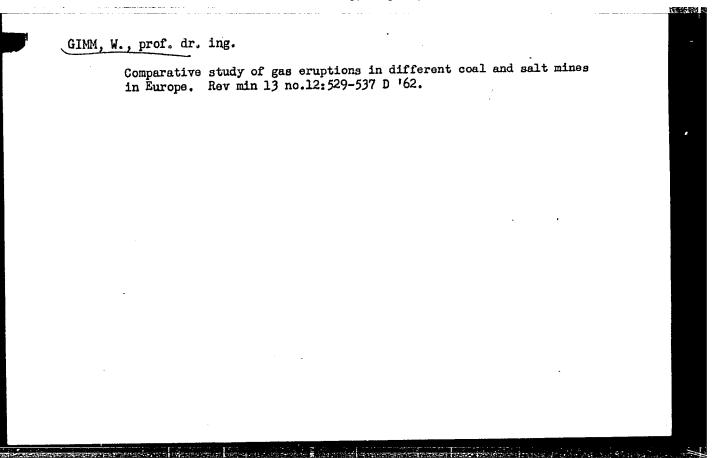
(Fertilizers and manures)

GTMID, L. P.

33057

Petrografo-mineralogoheckie nasledovaniye devonskikh otlozheniy yugo-vostochnoy Tatarii I prilegayu shchikh v ney s yuga rayonov chkalovskoy I ku ybyshevskoy oblastey. Trudy in-ta nefti(Akad. Nauk Sssr), T. I. vyp I, 1949, c. 34-53-Bibliogr: 8 Nasv

SO: Letopis' Zhurnal'nykh Statey, Vol. 45, Moskva, 1949



GIMM, Werner, prof., dr. ipl. ing., egyetemi tanar Development of support constructions. Bany lap 94 no.2:73-89 F '61. 1. Bergakademie, Freiberg.

SOV /124-58-5-5505

Translation from: Referativnyy zhurnal, Mekhanika, 1958, Nr 5, p 80 (USSR)

AUTHORS: Vyazovov, V.V., Gimmel'brandt, G.N., Kaganskiy, I.M.

TITLE: Optimum Gas Velocities in Diaphragm-type Heat Exchangers

(Optimal'nyye skorosti gazov v teploobmennikakh s perego-

rodkami)

PERIODICAL: Sb. nauchn. tr. Yerevansk. politekhn. in-t, 1957, Nr 16,

pp 105-120

ABSTRACT: Bibliographic entry

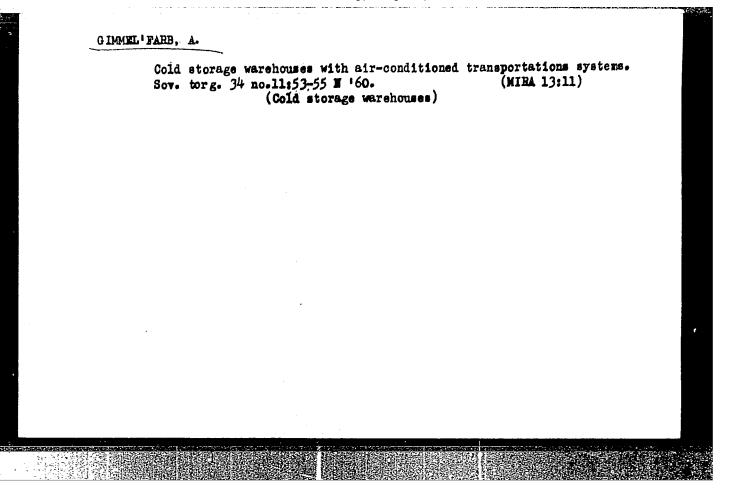
1. Gases--Velocity 2. Heat exchange--Performance

Card 1/1

### GIMMEL FARB, A.

Mechanization of one-story and basement warehouses. Sov. torg. 33 no.3:52-54 Mr '60. (MIRA 13:6)

1. Glavnyy arkhitektor Giprokholoda. (Warehouses)



GIMMEL'FARB, A. A. Cand Tech Sci — (diss) "Questions of the Controlling Role of Slag in Blast Furnaces," Dnepropetrovsk, 1960, 17 pp, 150 copies (Institute of Ferrous Metallurgy, AS USSR) (KL, 47/60, 102)

(MIRA 13:7)

# Effect of the change of primary slag composition on the temperature of the hearth and blast furnace performance. Isv.vys.ucheb.zav.; chern.met. no.6:15-29 160.

1. Dnepropetrovskiy metallurgicheskiy institut.
(Blast furnaces) (Slag)

# Reduction of the sulfur-content in cast iron. Metallurg 5 no.5:6-7 My '60. (MIRA 14:3) 1. Emepropetrovskiy metallurgicheskiy institut. (Cast iron-Metallurgy) (Desulfuration)

GIMEL FARB, A.A.

Determining the optimum composition of primary slag according to crystallization data in the system CaO-FeO-SiO<sub>2</sub>. Izv. vys. ucheb. zav.; chern. met. no.10:31-39 '60. (MIRA 13:11)

1. Dnepropetrovskiy metallurgicheskiy institut. (Slag--Analysis) (Phase rule and equilibrium)

GOTIB, A.D.; GONCHAROV, P.G.; LEVCHENKO, V.Ye.; GIRMEL'FARB, A.A.; PEVTSOV, V.P.; LAPA, A.M.

Controlling the thermal conditions of a blast furnace by the composition of the blast furnace gas. Iav.vys.ucheb.zav.; ohern.met. no.4:31-37 '61.

1. Dnepropetrovskiy metallurgicheskiy institut i Zavod imeni Petrovskogo.

(Blast furnaces) (Gases-Analysis)

CONTRACTOR CONTRACTOR

LEVCHENKO, V.Ye.; GIMMEL'FARB, A.A.

Homogenousness of the charge mixture in its lump size and gas flow utilization. Izv. vys. ucheb. zav.; chern. met. 5 no.3: 30-37 '62. (MIRA 15:5)

1. Dnepropetrovskiy metallurgicheskiy institut.
(Blast furnaces--Equipment and supplies)

LEVCENKO, V.E. [Levchenko, V.Ye.]; GHIMÆLFARB, A.A. [Gimmel'farb, A.A.]

Homogeneity of the granulation of furnace loads and utilization of gas flux. Analele metalurgie 16 no.4:27-35 O-D '62.

YEFIMENKO, G.G., kand.tekhn.nauk; GIMMEL!FARB, A.A., knad.tekhn.nauk;
Prinimall uchastiye: POLTAVETS, V.V., inzh.; GRISHKO, V.A., insh.;
NMCKERKKO, S.Z., inzh.; OSTAPENKO, V.A., tekhnik; POBUDINSKIY, L.I.,
tekhnik; KATSMAN, V.Kh., tekhnik; KARMAZIM, A.G., tekhnik

Regulating blast furnace operations by fluctuations of fas pressure
and the distribution of materials in the hearth bottom. Stal! 22
no.10:876-880 0'62.

(Blast furnaces)

KRASAVTSEV, N.I., kand.tekhn.nauk, red.; GIMMEL'FARB, A.A., kand.
tekhn. nauk, red.; GONCHAROVA, L.A., red. 1zd-va;
ISLENT'IEVA, P.G., tekhn. red.

[Acceleration of blast furnace smelting] Forsirovanie
domennoi plavki; trudy. Moskva, Metallurgizdat, 1963.
386 p. (MIRA 16:8)

1. Nauchmaya konferentsiya po teoreticheskim voprosam metallurgii chuguna. Dnepropetrovsk, 1961.
(Rlast furnaces)

GIMEL FARB, A.A., kund. tekhn. nauk; LAPA, A.M., inzh.

Effect of the reduction in the consumption of coke on conditions of gas dynamics in blast furnaces. Stal! 23 no.7:593-597 Jl '63. (MIRA 16:9)

 Dnepropetrovskiy metallurgicheskiy institut. (Blast furnaces) (Gas dynamics)

PEVTSON, V.P., kand.tekhn.nauk; Potebnya, Yu.M., kand.tekhn.nauk; GIMEL'FARB,
A.A., kand.tekhn.nauk

Radiometric investigation of the tuyere zone in blast furnaces. Stal'
23 no.7:599-600 J<sub>1</sub>'63. (MIRA 16:9)

1. Dnepropetrovskiy metallurgicheskiy institut.
(Blast furnaces) (Radiometry)

THE STATE OF THE S

GOTLIB, A.D.; GIMMEL'FARB, A.A.; LAPA, A.M.

Improving the algorithm for regulating the heat conditions in a blast furnace. Izv. vys. ucheb. zav.; chern. met. 8 no.10; 22-30 '65. (MIRA 18:9)

1. Dnepropetrovskiy metallurgicheskiy institut.

EWT(d)/EWP(v)/EWP(k)/EWP(h)/EWP(1) ACC NR: AP6012947 SOURCE CODE: UR/0133/65/000/007/0585/0589 AUTHOR: Gotlib, A. D. (Doctor of technical sciences); Gimmel farb, A. A. (Candidate of technical sciences); Yefimenko, G. G. (Candidate of technical sciences); Lapa, A.M. (Candidate of technical sciences); Polovchenko, I. G. (Candidate of technical sciences) Grishko, V. A. (Engineer); Chechuro, A. N. (Engineer); Kharchenko, N. M. (Engineer) ORG: Dnepropetrovsk Metallurgical Institute (Dnepropetrovskiy metallurgicheskiy institut); Plant im. Dzerzhinskiy (Zavod) TITLE: Automatic control of the thermal state of a blast furnace SOURCE: Stal', no. 7, 1965, 585-589 TOPIC TAGS: automatic control, blast furnace, algorithm, digital computer ABSTRACT: The currently used methods for controlling the thermal state of a blast furnace have considerable deficiencies. There is considerable delay in receipt of data for control changes. Control should be performed directly on the change in thermal and reductive work of the gases, depending on their distribution in the charge and their movement through it. Theoretical principles for thermal control by composition of flue gas have been developed: a) minimum usage of coke for smelting cast iron of a given composition under given conditions of charge material and melting is defined, b) these parameters of the process are directly maintained at a level necessary to produce iron with minimum deviation from the given composition when all heat reserves of the process are used. <u>Card 1/2</u>

L 22139-66 ACC NR: AP6012947 On the basis of these considerations, an algorithm for control of the thermal state of a furnace was developed by the Lisichan Scientific Research Institute for Computers for use in the "Sovetchik Master" (SM-2) computer at blast furnace A of the plant imeni Dzerzhinskiy. This device is a digital computer which performs the mathematical and logical processing of input information on the basis of this algorithm. During an 18-day trial period in May and a 36-day trial period in October-November, 1963, the computer recommended 108 changes in coke quantity and 144 changes in blast temperature. The results were positive; the thermal state of the furnace was mainly disrupted only when the recommendations were not fulfilled and during changes in loading without recommendation by the computer. The recommendation control considerably increased consistency in output composition. Coke usage was decreased by 2.5%, The algorithm can be used only when the furnace is under regular use. Engineer S. Z. Nemchenko, Engineer A. S. Skorobagatov, Engineer M. I. Obuvalin, Engineer T. I. Slamchinskaya, Engineer A. M. Yunchik, Engineer Yu. M. Samarets, and Engineer D. S. Kalashnikov participated in the work. Orig. art. has: 3 figures and 2 tables. [JPRS] SUB CODE: 13, 09 / SUEM DATE: none / ORIG REF: 004

CIMMEL'FARB, A.A., kand. tekhn. nauk; LIKHOPADOV, A.P.; ZHEMBUS, M.D.; ZHAK, A.M.

Increasing the strength of fluxed sinter. Met. i gornorud. prom. no.6:7-11 N-D '65. (MIRA 18:12)

SOV/163-58-1-41/53

AUTHORS: Gimmel farb, A. I., Yelyutina, V. I., Mozzhukhin, Ye. I.

TITLE: Some Data on the Pseudo-Binary Phase Diagrams of NiAl and TiC

(Nekotoryye dannyye k psevdobinarnoy diagramme sostoyaniya

NiAl-Tic)

PERIODICAL: Nauchnyye doklady vysshey shkoly. Metallurgiya, 1958, Nr 1,

pp 222-225 (USSR)

ABSTRACT: In special investigations the initial and end temperatures of

the melt of alloys containing up to 50% TiC were determined. The alloys of NiAl and TiC were produced by the method of powder metallurgy. The results obtained made it possible to represent

liquidus and solidus lines in NiAl and TiC.

The radiographic analyses of the samples showed that all alloys investigated consisted of two physics. No religible to the same to the same that all alloys

investigated consisted of two phases. No solubility of TiC in

NiAl was found.

The metallographical analyses proved the presence of the bi-

phase NiAl and TiC in these alloys.

To produce the liquid phase in the alloys NiAl and TiC at the

sintering temperature the sintering has to be carried out at a

higher temperature.

Card 1/2

SOV/163-58-1-41/53

Some Data on the Pseudo-Binary Phase Diagrams of NiAl and TiC

To produce alloys of the system TiC and NiAl of greater strength

and density a sintering temperature higher than 2000°C in

necessary.

The eutectic temperature of the system TiC-NiAl was determined

(1580°C).

There are 2 figures, 1 table, and 4 references, 1 of which is

Soviet.

ASSOCIATION:

Moskovskiy institut stali (Moscow Steel Institute)

SUBMITTED:

October 1, 1957

Card 2/2

OIMMEL'FARB, A.I., inuh.; CHASOVITIN, G.I., insh.

Preparing pig iron in rotary furnaces and its use in the blast-furnace process. Stal' 20 no.8:691-694
Ag '60. (MIRA 13:7)

1. Orsko-Ehalilovskiy metallurgiche kiy kombinat.
(Blast furnaces—Equipment and supplies)
(Ore dressing—Equipment and supplies)

KOLESANOV, F.F.; SHUMAKOV, N.S.; FEDCRENKO, N.V.; SHUMAKOV, L.G.;

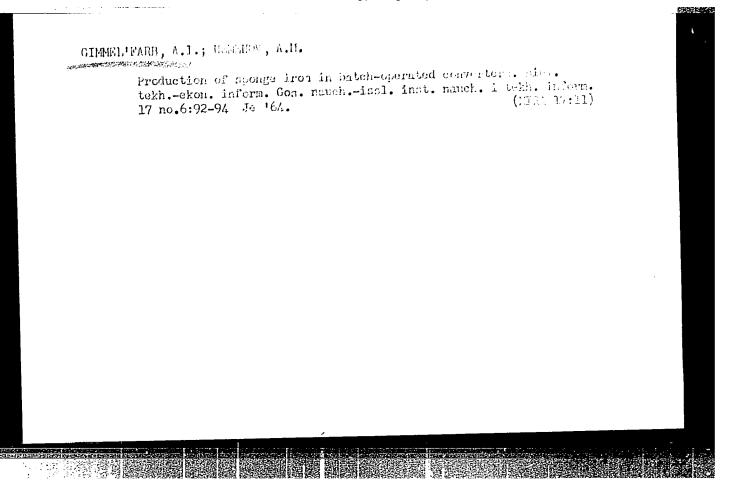
GIMELIFARB, A.I.

Dressing of Akkermanovka ores and sintering of the concentrates produced. [Sbor. trud.] Nauch.-issl. inst.met. no.4:44-53 '61. (MIRA 15:11)

1. Nauchnc-issledovatel'skiy institut metallurgii (for Kolesanov, Shumakov, Fedorenko). 2. Orsko-Khalilovskiy metallurgicheskiy kombinat (for Shumakov, Gimmel'farb).

(Akkermanovka region—Iron ores)

(Ore dressing) (Sintering)



### GIMMEL FARB, A.L., aspirant

Fracture dislocations of the shoulder joint and their treatment. Kaz.med.zhur. no.5:27-30 S-0 '62. (MIRA 16:4)

1. Kafedra ortopedii i travmatologii (zav. - prof. L.I. Shulutko) Kazanksogo gosudarstvennogo instituta dlya vrachey imeni V.I.Lenina na baze Kazankkogo nauchno-issledovatel-skogo instituta travmatologii i ortopedii (dir. - kand.med.nauk U.Ya.Bogdanovich).

(SHOULDER JOINT--DISLOCATIONS)

KAN, Saveliy Makhimovich; ROSTOVTSEV, G.G., doktor tekhnicheskikh nauk, professor, retsenzent; GITCEL'FARB, A.L., kandidat tekhnicheskikh nauk, dotsent, redaktor; SUVOROVA, I.A., redaktor; ZUDAKIN, I.M. tekhnicheskiy redaktor.

[Structural strength of the airplane] Prochnost' samoleta. Ind.4-os, Moskva, Gos.ind-vo oboronnoi promyshlennosti, 1955. 285 p.(MLRA 8:11)

(Airplanes—Design and construction)

GIMMEL FARB, A.L.

Functional spint for the lower extremity. Ortop.travn. i protez. 20 no.7:52-54 J1 '59. (MIRA 12:10)

1. Iz travmatologicheskogo otdeleniya (zav. - M.N.Nikitin) Stalinskoy (Kemerovskoy obl.) gorodskoy klinicheskoy bol'nitsy No.1 (glavnyy vrach - S.F.Kirin). (SPLINTS)

GIMMEL FARB, AL.

1(0)

PHASE I BOOK EXPLOITATION

SOV/2835

Moscow. Aviatsionnyy institut im. Sergo Ordzhonikidze

Voprosy proyektirovaniya samoletov; sbornik statey (Problems in Aircraft Designing; Collection of Amticles) Moscow, Oborongiz, 1959. 74 p. (Series: Its: Trudy, vyp. 108) Errata slip inserted. 3,100 copies printed.

Sponsoring Agency: Ministerstvo vysshego obrazovaniya SSSR.

Ed.: A.L. (immel'farb, Candidate of Technical Sciences, Docent; Ed. of Publishing House: K. I. Grigorash; Tech. Ed.: L. A. Pukhlikov; Managing Ed.: A.S. Zaymovskaya, Enginegr.

PURPOSE: This book is intended for personnel in the design offices of aircraft plants. It may also be used by students at aviation institutes.

COVERAGE: This collection of articles describes the results of theoretical and experimental investigation connected with the determination, during the designing stage, of basic aircraft and wing parameters, total weight of aircraft and its components, type of engines and the amount of fuel. Problems of Card 1/4

•	
Problems in Aircraft Designing (Cont.)	V/2835
aircraft strength and stability are also considered, personalities are mentioned. References appear in	. No the text.
TABLE OF CONTENTS:	
Preface	3
Fomin, N.A. [Candidate of Technical Sciences], Methods for Determining the Basic Parameters of Aircraft and Aircraft Wings  The author determines basic parameters of aircraft and selects from them the most important. These are: Total weight of aircraft, wing-surface design and weight, and the necessary thrust for starting.	5
Gimmel'farb, A.L. [Candidate of Technical Sciences]. Calculating Necessary Fuel Supply and Total Weight of Aircraft During the Designing Stage In this article the author deducts simple weight formulas based on only two static coefficients:	37
Card 2/4	

Problems in Aircraft Designing (Cont.) sov/2835 weight efficiency and fuel consumption. [Candidate of Technical Science]. Compar-Fadeyev, N.N. ative Evaluation of Aircraft Engines According to Their 41 Weight in Flight A method is given to help in the selection of an engine for a given aircraft and for determined régimes and flight distances [Candidate of Technical Sciences]. Deter-Zhevagina, A.A. mination of Critical Stresses in Laminar Compressed Panels With Veneer Covering 52 Results of an investigation show that sufficient support is formed for a thin veneer lining by a filling with the specific weight of 0.065 - 0.1 gr/cm<sup>3</sup>. With this filling the panel behaves as a homogeneous body until the moment of a general loss of rigidity. Voyt, Ye.S. [Candidate of Technical Sciences]. Stability of a Crossed-Bar Assembly Which Has Been Compressed in One Direction 59 The author is concerned with the plane and curved Card 3/4

Problems in Aircraft Designing (Cont.)

SOV/2835

reinforced panels used in ship and aircraft construction. He analyses the influence of separate factors on the stability of the panels and indicates practical methods of choosing, in the first approximation, the most convenient disposition of basic elements of the panel.

AVAILABLE: Library of Congress

Card 4/4

IS/mg 11-23-59

APPROVED FOR RELEASE: Thursday, July 27, 2000 CIA-RDP86-00513R000516710

s/535/61/000/138/008/008 E191/E135

Gimmel'farb, A.L., Candidate of Technical Sciences AUTHOR:

The analysis of two-flange thin walled stringers for TITLE:

bending and shear stresses under flexure

Moscow. Aviatsionnyy institut. Trudy. no.138. 1961. SOURCE:

Metody priblizhennykh raschetov i vybora parametrov pri

proyektirovanii samoletov. 93-99.

The significance of the assumptions made in the design TEXT: of I-beams is examined. Usually in project work the effect of the web is neglected. Beyond some value of the ratio of web thickness to flange width, the contribution of the web becomes significant. Introducing a more exact expression for the moment of inertia of the beam it is shown from a graph that, when the flange thickness is less than 10% of the beam height, the web takes a significant part in resisting the bending moment beyond a web thickness of 10% of the flange width. In aircraft structures, where flange thicknesses are not less than 5% of the beam height, web thicknesses do not exceed 2% of the flange width and the bending moment carried by the web does not exceed 5%. Further analysis of I-beams

Card 1/2

The analysis of two-flange thin .... S/535/61/000/138/008/008 E191/E135

proceeds to ignore the contribution of the web. The effect of the assumption that stress is carried uniformly by the flange is examined. With a flange thickness of 10% of the beam height, the error in the stress computed by the approximate assumption is 10%. A simplified second approximation is given ensuring 1% accuracy up to a flange thickness of 40% of the beam height. This approximation is used in a simple formula for the required beam width containing a factor whose numerical values are given in a table as a function of the relative flange thickness. The shear stress is often assumed to be carried entirely by the web along which it is uniformly distributed. The error of this approach is computed and plotted in a graph as a function of the relative web thickness. At a flange thickness of 10% of the beam height and a web thickness of 2% of the beam width, the shear stress error is 10% but rises to 18% when the web thickness is 10%. A second approximation formula is given which ensures an accuracy better than 1% at flange thicknesses between 10 and 40% of the beam height and web thickness between 1 and 3% of the beam width. There are 7 figures and 1 table,

Card 2/2

FOMIN, Nikolay Aleksandrovich; KOMAROV, A.A., kand.tekhn.nauk, dotsent.
retsenzent; PETROV, M.N., doktor tekhn.nauk, prof., retsenzent;
GIMENLIFARB, A.L., kand.tekhn.nauk, dotsent, red.; TUBYANSKAYA,
F.G., izdat.red.; ROZHIN, V.P., tekhn.red.

[Design of airplanes. Determination of weight, arrangement,
selection of the aerodynamic design and basic parameters]
Procktirovanie samoletov. Opredelenie vesa. Komponovka.
Vybor skhemy i osnovnykh parametrov. Moskva, Gos.nauchnotekhn.izd-vo Oborongiz, 1961. 361 p. (MIRA 14:12)

(Air planes--Design and construction)

GIMMEL'FARB, A.Ya., inzh.

Selecting the layouts for cold-storage plants with mechanized loading operations. Khol. tekh. 38 no.4:42-46 Jl-Ag '61. (MIRA 15:1)

1. TSentral'nyy nauchno-issledovatel'skiy i proyektno-eksperimental'nyy institut promyshlennykh zdaniy i sooruzheniy Akademii stroitel'stva i arkhitektury SSSR.

(Cold storage warehouses)

GIMMEL'FARB, A.Ya., arkhitektor

One-story cold storage distributing point. Prom.stroi. 39 (MIRA 14:7)

1. Tsentral'nyy nauchno-issledovatel'skiy i proyektno-eksperimental'nyy institut promyshlennykh zdaniy i scoruzheniy.

(Cold storage warehouses)

GIMMEL FARB, A. Ya., arkhitektor

Standardization of storage warehouses of food and light industry.

Prom. stroi. 40 no.7:40-44 62. (MIRA 15:7)

1. TSentral nyy nauchno-issledovatel skiy i proyektno-eksperimental nyy institut promyshlemykh zdaniy i sooruzheniy Akademii stroitel stva i arkhitektury SSSR.

(Warehouses-Stendards)

The second section and second second

GIMMEL FARB, A. YA.

Location of warehouses in cities. Sov. torg. 36 no.8:9-13 Ag \*63. (MIRA 16:11)

1. Glavnyy arkhitektor proyektov TSentral'nogo nauchnoissledovatel'skiy i proyektno-eksperimental'nyy institut promyshlennykh zdaniy i scoruzheniy.

GIMMEL FARB, A. Ya., arkhitektor

Cooperative storehouse centers must be built. Prom. stroi. 41 no.11:6-9 N '63. (MIRA 17:2)

1. TSentral'nyy nauchno-issledovatel'skiy i proyektnoeksperimental'nyy institut promyshlennykh zdaniy i sooruzheniy.

Moctilucent clouds. Astron.tsir. no.221:14-15 Ap '61.

(MIRA 14:11)

1. Arkhangel'skiy pedagogicheskiy institut.

(Clouds)

GIMMEL'FARB, B.M.; TUSHINA, A.M.; SMIRNOV, A.I.; MAYMISTOVA, R.I.

Geology and ore types in the Dzhany-Tas phosphorite deposit.

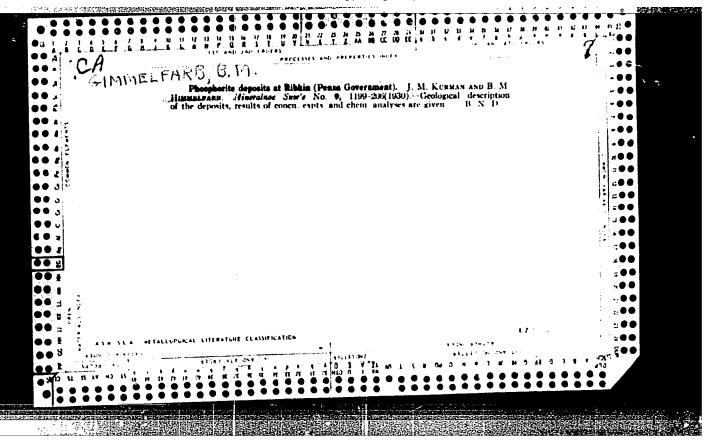
Trudy GIGKHS no.7:71-131 '62. (MIRA 16:5)

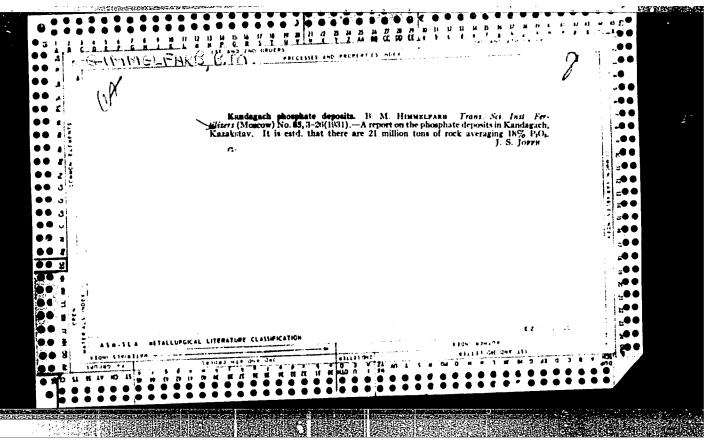
(Kara-Tau region--Fhosphorites) (Kara-Tau region--Ore deposits)

GIMMEL'FARB, B. M., doktor geologo-mineralogicheskikh nauk

Raw materials for the fertiliser industry. Zhur. VKHO 7 no.5:
495-499 '62. (MIRA 15:10)

(Fertiliser industry)





GIMMEL'FARB, B. M.

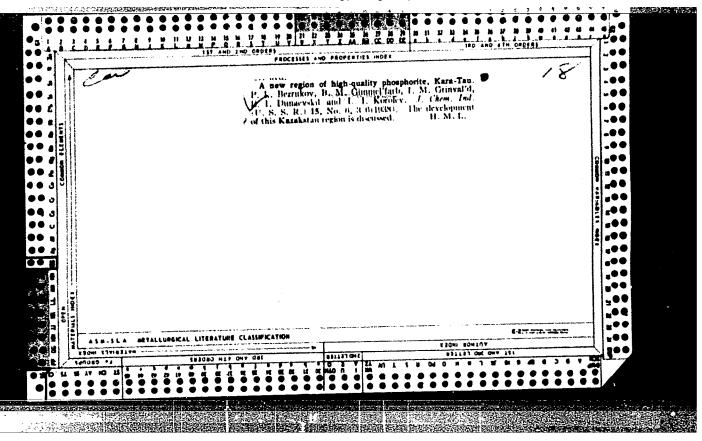
GIMEL' FARB, B. M.

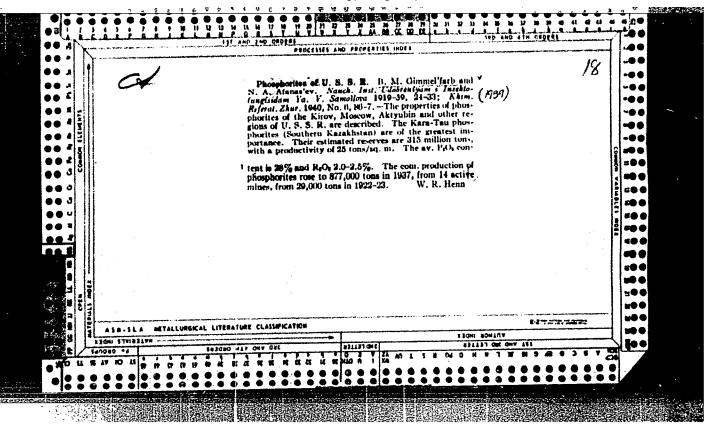
Syr'evaia baza tukovoi promyshlennosit SSSR. Moskva, Gl. red. gorno-toplivnoi i geol.-razvedochnoi lit-ry, 1937. 249 p. (TSentral'naia komissiia po zapasma poleznykhiskopaemykh.)

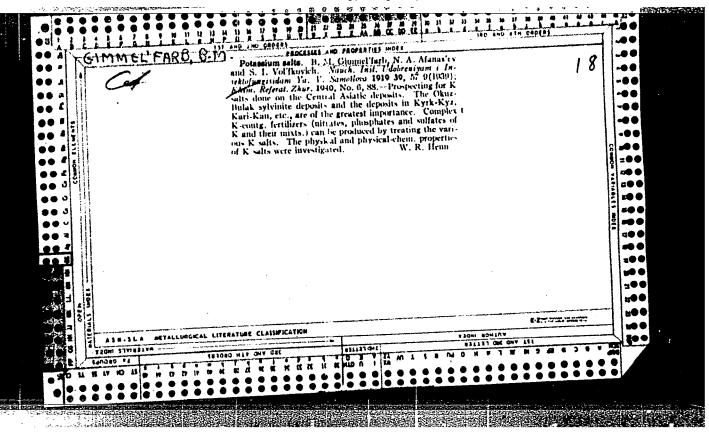
"Spisol literatury": p. 241-(248)

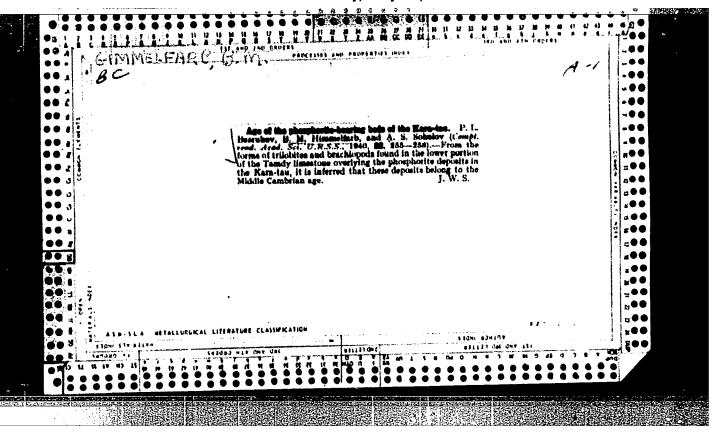
DLC: TN 85.G56

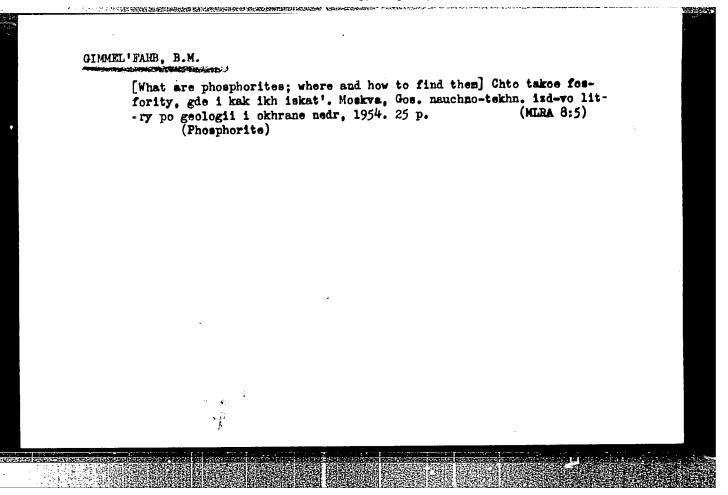
SO: LC, Soviet Geography, Part I, 1951, Uncl.











GIMMEL FARE, B.M.

USSR/ Geology

Card 1/1 Pub. 22 - 32/45

Authors : Gimmel'farb, B. M., and Narchemashvili, O. V.

Title . New data on the phosphatization of Upper Cretaceous deposits in Georgia

Periodical | Dok. AN SSSR 103/2, 291-293, Jul 11, 1955

Abstract : Geological data are presented on the phosphates discovered among the

Upper Cretaceus deposits of Georgian SSR. Seven USSR references (1923-1948).

Institution : State Sc. Res. Inst. of Mining Chemical Raw Materials

Presented by: Academician N. M. Strakhov, February 9, 1955

GIMMEL' FARB, B.M.

DOLGOPOLOV, N.N.; HEZHUKOV, P.L., redaktor; BUSHINSKIY, G.I., redaktor; STRAKHOV, N.

A STATE OF THE PROPERTY OF THE

GIMMEL FARE R.M., redaktor; IVANOV, A.A., redaktor; STRAKHOV, N.M., akaderik, otvetstvennyy redaktor; FESENKO, I.A., redaktor; ASTROV, A.V., redaktor izdatel stva; AUZAN, N.P., tekhnicheskiy redaktor

[Problems in the geology of agronomic minerals] Veproey geologii agronomicheskikh rud. Moskva, 1956. 239 p. (MIRA 9:11)

1. Akademiya nauk SSSR.Otdeleniye geologo-geograficheskikh nauk (Geology, Economic) (Fertilizers and manures)

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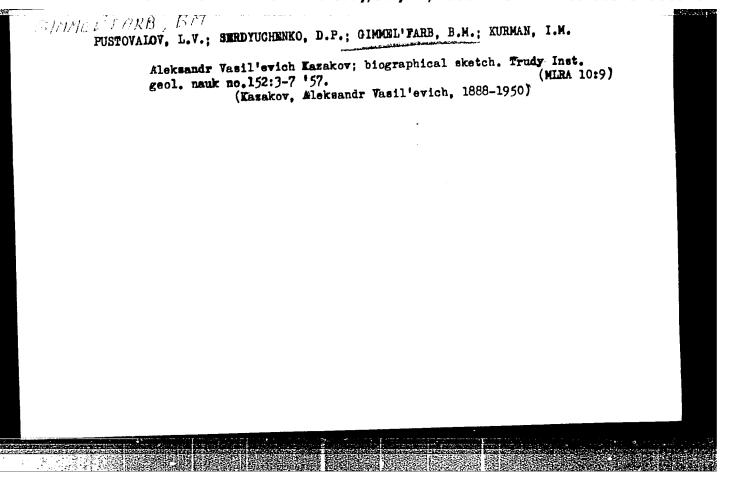
GINGEL'FARB, B.M.; KREYTER, B.M., glavnyy red.; SHATALOV, Ye.T., zamostitel'
glavnogo red.; YEROFEYEV, B.M., red.; ZENKOV, D.A., red.; KRASMIKOV,
V.I., red.; HIFONTOV, R.V., red.; SMIRNOV, V.I., red.; KHRUSHCHOV,
V.I., red.; YAKZHIN, A.A., red.; MARKOV, P.N., red.; VERSTAK, G.V.,
red.; AVERKIYEVA, T.A., tekhn. red.

[Prospecting for phosphorite deposits] Razvedka mestoroshedenii fosforitov. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po geol. i okhrane
nedr. 1957. 65 p. (Metodicheskie ukazaniia po proizvodstvu geologorazvedochnykh rabot, no.5).

(Phosphorites) (Prospecting)

APPROVED FOR RELEASE: Thursday, July 27, 2000 CIA-RDP86-00513R00051671(

GIMMEL'FARB, Boris Mikhaylovich (State Sci-Res Inst of Minin:-Chem Raw Materials) awarded sci degree of Doc Geologo-Mineralogical Sci for the 14 Nov 57 defense of dissertation: "Basic principles governing phosphoric deposits in the USSR and their genetic classification" at the Council, Geological Inst, AS, USSR; Prot No 14, 21 May 58. (BMVO, 11-58,18)



	3(5) PEAN I BOOK EXPIDITATION SOT/1886 Of Preferency nauchnays sessits po setallogenicheskim i profrostym	Materialy muchonoy sessii po metallogenichaskim i prognomnym kartami deliady. (Materials Freented at the Saisniii Session on Metal lognestis and Postulated Ora Cocurrence Maps; Reports ) Alma-Ata, Ind-vo M Emalhakoy 83N, 1958. 318 p. Errata slip inserted. 3,850 copies printed.	Mis A.S. Pogozhav; Tesh. Md.: P.P. Alferova. Monsoring Agensies: (1) Akademiya nguk 3558, (2) Akademiya nguk	Examinator 258, Alma Ata, (3) USSR. Ministerateo geologii i othrany medr. (4) Exain 258. Ministerateo geologii i othrany nedr. PREPOIS: This book is incended for exploration geologists, ministeration geologists, ministra	Materials Presented (Cont.) 807/1886	OCTIMADE: This sollection of reports was presented at the Duited Melectific Bession on Metallogeny and Postulated Ore Occurrence Maps searched by the Assistant Sciences in Libertic, December, 1956. The reports deal with various appears of compiling metal logenets and ere cocurrence maps as well as the substituting metal Meahniques of correlating geophysical appointion data. These reports deal only with mon-ferrous metals. Three other reports delivered at the conference but mot Laculded in this work were seed by Territo. Zahnarov, M.S. Jantadfy, and Mt.R. Obreself.		Tablinated Openions (comp.) Frinciples of Compiling the Partiated Commission of Compiling the National Research			<pre>dedistally, H.W. [V3EGE], Problem of Compiling the Metal- logenetia Postulated Occurrence Map for the Morthwest Part ef Alberia Platform</pre>	Jvanov, A.A. (VBEGET). Raingen Perwations of the USSR and the Regularity of Distribution of the Principal Ore Deposits Answers to Them.	Hadkerich, To.A., I.H. Tomson, {IGEN}, Large Benie Metallo- genetie Mapping.	Gard 5/6			
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GIMMEL'TARB, B.M.

- TO THE STATE OF THE PARTY OF

Tectenic distribution of phosphorite deposits in the U.S.S.R. Zakenem. rasm. pelesn. iskep..1:487-516 158. (MIRA 12:3)

l.Gesudarstvennyy nauchne-issledovatel'skiy institut gernekhimicheskege syr'ya pri Gesudarstvennem Kemitete Seveta Ministrev SSSR pe khimii. (Phespherites)

GIMMEL'FARB, B.M.

Dissertations. Branch of Geological-Geographical Sciences Jul.-Dec 1957 Vest. Ak Bauk SSSR, No. 4, pp. 118-119, 1958.

At the Institute for the Geology of Ore Deposits, Petrography, Mineralogy and Geochemistry the following dissertations were defended for the degree of a Candidate of Geological-Mineralogical Sciences:

GALDIN, N. Ye. - Pecularities in the Structure of the Deposit of Belousovsk in the Altai.

SMOLIN, P. P. - Contact Processes of the Post-Jurassic Intrusions of the Aldan.

At the Geological Institute the following dissertations for the degree of a Doctor of Geological-Mineralogical Sciences were defended:

ASLANYAN, A. T. - Regional Geology of Armenia.

USSR and Their Genetic Classification.

LUCHITSKIY, I. V. - Volcarism and Tectonics of the Devonian Depressions of the Minusinsk Bending of the Intermediate Mountains.

PORULYAYEV, D. I. -Geological Structure and Mineral Resources of the Smolensk

At the Institute of Oceanology the following dissertations for degree of Cand. of Geographical Sciences were defended:

ARKHIPOVA, Ye. G. - Thermal Regime of the Caspian Sea.

UL'ST, V. G. - MOrphology and Developmental History of the Field of Marine Accumulation in the Summit of the Gulf of Rigs.

20-119-1-36/52 Chepelevetskiy, M. L., Gimmel'farb, B. M., AUTHORS: Kuperman, M. Ye., Krasil'nikova, Z. V.

An Electron-Microscope Investigation of the Structure of Phosphorites From the Kara-Tau Basin (Elektronno-mikroskopi-TITLE:

cheskoye issledovaniye struktury fosforitov basseyna Kara-

Doklady Akademii Nauk SSSR, 1958, Vol. 119, Nr 1, pp. 133-135 PERIODICAL:

(USSR)

The phosphorites of this basin (deposits Ak-Say, Kok-su and Chulak-Tau) contain larger quantities of dolomite (mostly ABSTRACT: 10-18%), whereby the consumption of sulfuric acid per ton of assimilable  $P_2O_5$  in superphosphate increases. Thereby the quality of this fertilizer is impaired as well with regard

to the assimilable  $P_2O_5$  as to its physical properties: it becomes hygroscopic and smeary. At present 2 methods of the enrichment of these phosphorites exist: flotation and the chemical method. By flotation it was possible to attain a concentrate with a highly reduced magnesium content (Ak-Say),

whereas the phosphorites of the Chulak-Tau deposit still

yield concentrates with an MgO-content of 1,5% and higher. Card 1/3

An Electron-Microscope Investigation of the Structure of Phosphorites From the Kara-Tau Basin

20-119-1-36/52

These difficulties may be explained by the grain size of the phosphate substance of these phosphorites. The respective ores were inspite of a similar geological age and belonging to the same series of phosphorites intensively changed by a contact--metamorphism (nearness of a granite-intrusive), especially their phosphates were recrystallized. The structural peculiarities of the Chulak-Tau phosphorites were investigated under an electron-microscope. The structure of the phosphorites of the two remaining deposits were studied for comparison under an ordinary microscope. The characteristics of the Kara-Tau phosphorites are given in table 1. Polished sections of phosphorite samples were produced, impressions were made by the polystyrene-quartz and the collodium-quartz method and then etched, and again impressions made. The investigation showed that the size of the phosphate grains in all 5 samples from Chulak-Tau lies between 0,1 and 4,0 (figure 2). As the production of concentrates is due to the grain size in Chulak-Tau rendered difficult, the flotation shall be combined with a refinement by diluted acids, especially H2SO1. There are 2 figures, 1 table.

Card 2/3

An Electron-Microscope Investigation of the Structure of 20-119-1-36/52 Phosphorites From the Kara-Tau Basin

ASSOCIATION: Nauchnyy institut po udobreniyam i insektofungisidam

(Scientific Institute for Fertilizers and Insecticides).

Gosudarstvennyy institut gornokhimicheskogo syr'ya (State Institute for Mining-Chemical Raw Materials)

PRESENTED: June 11, 1957, by S. I. Vol'fkovich, Member, Academy of

Sciences, USSR

SUBMITTED: June 5, 1957

1812 - 12 - 14

Card 3/3

SHERESHEVSKIY, A.I.; GIMMEL'FARB, B.M., nauchnyy red.; NEKRASOVA, N.B., red.izd-ve; IVANOVA, A.G., tekhn.red.

[Trebovaniia promyshlennosti k kachestvu mineral'nogo syr'ia; spravochnik dlia geologov. Izd.2., perer. Moskva, Gos.nauchnotekhn.izd-vo lit-ry po geologii i okhrane nedr. No.19, [Phosphate minerals; apatites and phosphorites] Fosfatnoe syr'e; apatity i minerals; apatites and phosphorites] Fosfatnoe syr'e; apatity i fosfority. Nauchn.red. B.M.Gimmel'farb. 1959. 42 p. (MIRA 13:7)

1. Moscow. Vsessoyuznyy nauchno-issledovatel'skiy institut mineral'nogo syr'ys.

(Apatite) (Phosphorites)

GIMMEL PARB, B.M.; IZRAILEVA, G.A., red.izd-va; BYKOVA, V.V., tekhn.red.

[What are phosphorites, where and how to look for them] Chto take

[What are phosphorites, where and how to look for them] thto takes fosfority, gde i kak ikh iskat. Moskva, Gos.nauchno-tekhn.izd-vo lit-ry po geologii i okhrane nedr, 1960. 16 p. (MIRA 13:9) (Phosphorites) (Mineralogy, Determinative)

PUSTOVALOV, L.V., otv.red.; GIMMEL PARB, B.M., red.; KRASHENINNIKOV, G.F., red.; SARKISYAN, S.G., red.; SERDYUCHENKO, D.P., red.; TEODOROVICH, G.I., red.; SHVETSOV, M.S., red.; SMIRNOVA, Z.A., red.; zd-va; IVANOVA, A.G., tekhn.red.

[Problems of sedimentology; reports of Soviet geologists for the Sixth International Congress of Sedimentology] Voprosy sedimentologii; doklady sovetskikh geologov k VI Mezhdunarodnomu kongressu po sedimentologii. Moskve. Gos.nauchno-tekhn.izd-vo lit-ry po geol. i okhrane nedr, 1960, 215 p.

(MIRA 14:3)

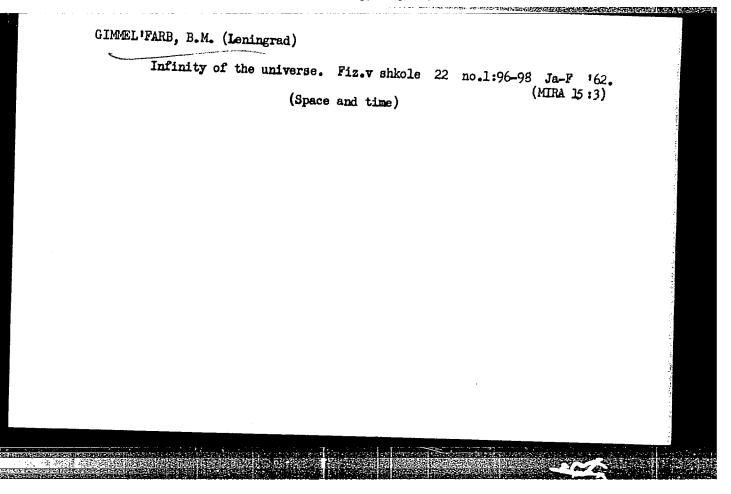
1. International Congress of Sedimentology. 6th, Copenhagen, 1960.

(Rocks, Sedimentary)

Comparison of the basic regularities in the location of phosphorus deposits in the U.S.S.R. and the Chinese People's Republic.
Zakonom. ramm. polezm. iskop. 5:434-463 '62. (MIRA 15:12)

1. Gosudarstvennyy nauchno-issledovtel'skiy institut gornokhimicheskogo syr'ya pri Gosudarstvennom komitet Soveta Ministrov SSSR po khimii.

(China—Phosphorus) (Phosphorus)



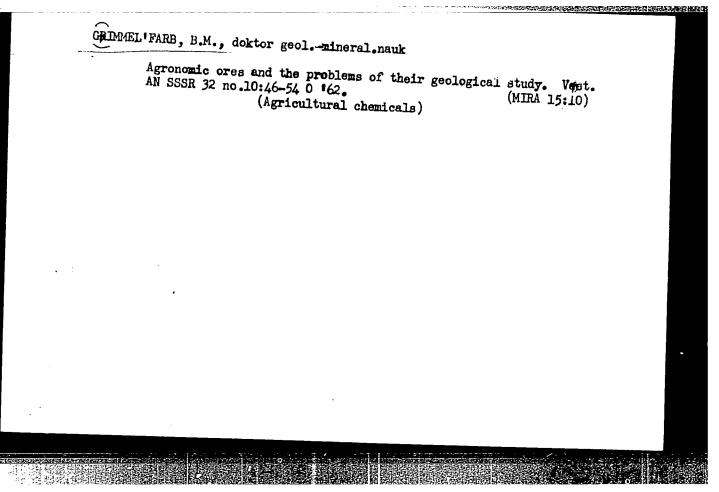
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## GIMMEL'FARB, B.M.

Present status of and prospects for the development of raw material supply reserves of phosphate fertilizers in the U.S.S.R. Izv. AN SSSR. Ser.geol. 27 no.11:32-49 N 162.

(MIRA 15:12)

1. Gosudarstvennyy nauchno-issledovatel skiy institut
gornokhimicheskogo syr'ya, (g. Lyubertsy.
(Phosphates)
(Fertilizers and manures)



GIMMERL'FARB, Boris Mikhaylovich, doktor geol.-miner. nauk; SOROKO,
Ya.I., red.; RAKITIN, I.T., tekhn. red.

[Fertilizing rocks] Kamni plodorodiia. Moskva, Izd-vo
"Znanie," 1963. 39 p. (Novoe v zhimin, nauke, tekhnike.

XII Seriia: Geologiia i geografiia, no.15) (MIRA 16:8)

(Fertilizing rocks)

GIMÆL'FARB, B.M.; MITROFANOV, N.I.; PERUPELKIN, S.V.; STRÆMOVSKIY, L.I.

Exploiting phosphorite-bearing Karatau Basin. Khim. prom. no.5:
323-328 My '64.

(MIRA 17:9)

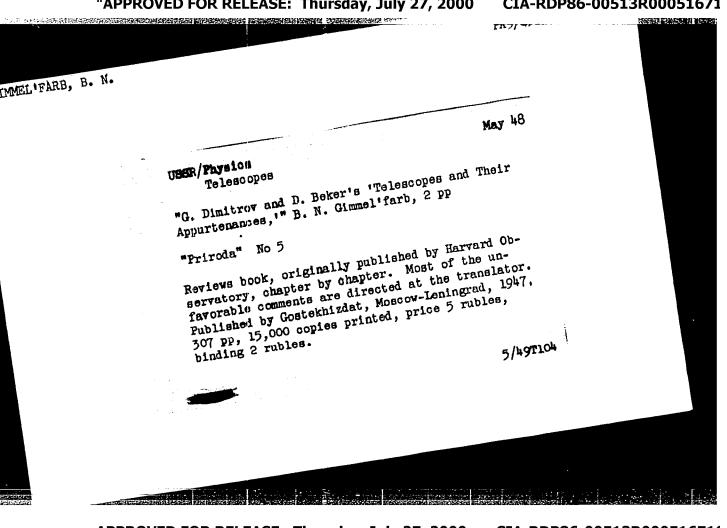
# GIMMEL'FARB, Boris Mikhaylovich

[Characteristics of the distribution of phosphorite deposits in the U.S.S.R. and their genetic classification] Zakonomernosti razmeshcheniia mestorozhdenii fosforitov SSSR i ikh geneticheskaia klassifikatsiia. Moskva, Nedra, 1965. 306 p. (MIRA 18:8)

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GIMMEL' FARB,	B. N.		
	and the second s	-	
	Mar 1947	<b>1</b> 00 \$ 1900	
	Test /Physics  Bolar Phenomena  Solar Radiation		
	Report on the Current Cycle of Solar Activity, "B. N.		
	Report on the Current Cycle of Botter	1 2 1 2	
	Gimel'farb, 22 pp		
	"Priroda" No 2		
	Short article describes the current activity of the solar cycle from the standpoint of Wolf's index.  Solar cycle from the standpoint of Wolf's index.  Wolf's number for 1945 and 1946 by months. Also Wolf's number for various periods gives the maximum Wolf's number for various periods dating back to 1837.2.		
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GIMMEL'FARE, E. N.	Gnevysheva, and M. S. Yegenson smong those attending.	Conference held in Leningrad 16 - 19 Dec 1946.  V. A. Kret (GAO) and V. N. Kucherova discussed spectrophotometric work; A. I. Lebedinskogo (Leor work on magnetic poles in sunspote, in cooperation L. Ye. Gurevich; I. S. Shklovskiy (GAISh) on ionization of metals in the corona; E. Ya. Bugoslavskoy (GAISh) on the structure of the corona. V. V. Sharonov, N. N. Sytinskaya, M.	"Prirode" No 5	B. N. Gimmel'ferb, 5 pp	161 USSR/Solar Phenomena Spectrophotometry	
16761	(GAO) were also	grad 16 - 19 Dec 1946.  N. Kucherova discussed  A. I. Lebedinskogo (IGU)  n sunspots, in cooperation  S. Shklovskiy (GAISh)  In the corona; E. Ya.  the structure of the  N. N. Sytinskaya, M. N.		Investigation,"	May 1947	
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·			THE RESERVE OF THE PROPERTY OF
GIMTELT FARB, B. N.	USSR/Physics Solar Phenomena Solar Radiation  "Expedition of the Academy of Science USSR for the Ob- servation of the Total Solar Eclipse of 20 May 1947 in South America," B. N. Girmel'farb, 5 pp "Priroda" No 4	Full account of preparations for expedition and places visited: Reception in Brazil was favorable, except for some provocative articles in the fascist press. In Rosario many Slavs manifested lively interest in everything connected with the great land of socialism. Comments on hostile attitude of Argentine authorities Eclipse could not be observed in Aracha owing to clouds. Swedish, Canadian and Czech expeditions were likewise unfortunate.	7877



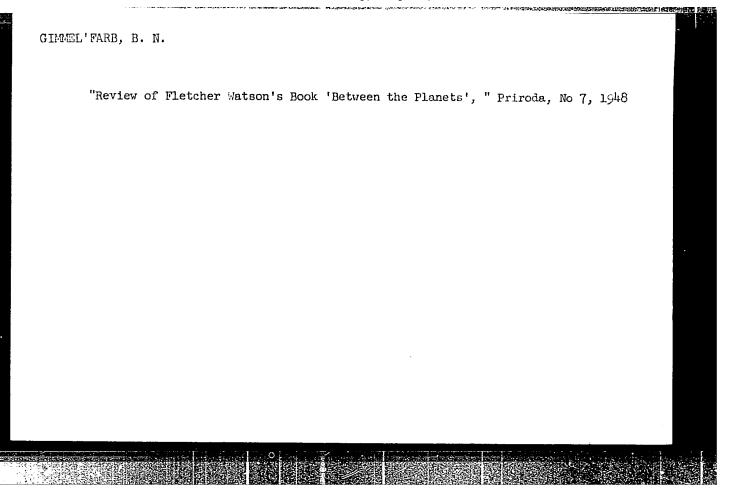
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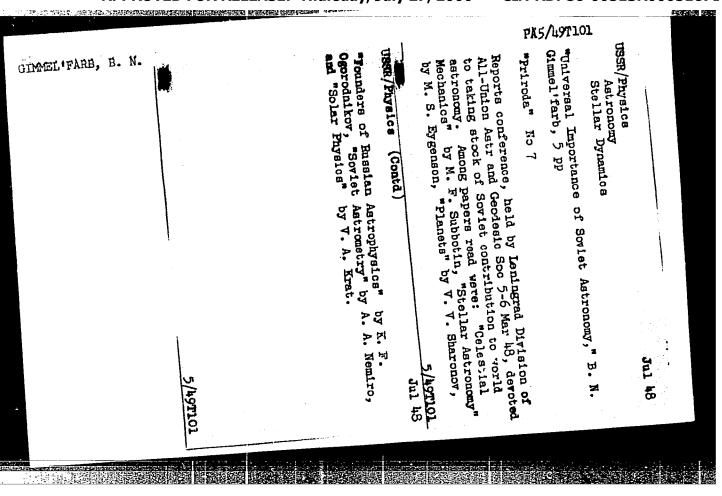
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GIMMEL'FARB, B. N.

"Nature of 'Crecyscykur Myopia'," Priroda, No 6, 1943.





USER/Physics
Solar Phenomena

"Sunspots of Record Breaking Size," B. N. Gimmel'farb,
1 p

"Priroda" No 7

The last 2 years were characterized by extreme solar activity, with an abundance of large sunspots. Describes sunspot first seen in Feb 46. By Mar 47, this sunspot area had grown to record size. Gives characteristics of the sunspot area at its maximum activity.